

Serial No.:

Art Unit:

22, 23 and 24, as follows:

18.  
21. An apparatus for audience rating of digital television and radio, comprising:

means for extracting at least one identification code for at least one digital stream of a first channel, from a control stream of a multiplexed digital transmission, when reception of the first channel by a receiver begins;

means for recording at least one identification code extracted and the time reception of the first channel begins;

means for extracting at least one identification code for at least one digital stream of any subsequent channel, from the control stream of the multiplexed digital transmission, when reception of the subsequent channel by the receiver begins;

means for recording at least one identification code extracted and the time reception of the subsequent channel begins; and

means for recording the time that reception by the receiver is ended.

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~~22~~. An apparatus for audience rating of digital television and radio according to claim ~~21~~<sup>18</sup>, wherein the multiplexed digital transmission is received separately by the receiver and by a meter;

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when the receiver is turned on, and when the channel that the receiver is tuned to is changed, the meter compares digital streams of the channel that the receiver is tuned to, to digital streams of each of the channels in the multiplexed digital transmission, until it finds a match and extracts at least one identification code for at least one digital stream of the channel from the control stream, and records the identification code along with the time; and

when reception by the receiver is ended, the meter records the time.

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10 ~~20~~<sup>19</sup>. An apparatus for audience rating system of digital television and radio according to claim ~~22~~<sup>19</sup>, wherein a plurality of multiplexed digital transmissions can be received at different frequencies;

when the receiver is turned on, the meter records a first frequency received, and the time reception of the first frequency begins; and

when the frequency received is changed, the meter records any subsequent frequency received, and the time reception of the subsequent frequency begins.